```python
In [1]:  # List Example

         colors = ["red", "blue", "green", "yellow", "purple"]

         print(colors[1])
         print(colors[3])


         colors[2] = "cyan"
         print(colors)

         print(colors[2:])

         # Tuple Example
         animals = ("lion", "tiger", "elephant", "giraffe", "zebra")


         print(animals[0])
         print(animals[-1])
         print(animals[1:4])

         #Dictionary Example

         # Creating a dictionary

         person = {
             "name": "Alice",
             "age": 25,
             "city": "New York",
             "profession": "Engineer",
             "hobby": "Photography"
         }

         print(person["name"])
         print(person["hobby"])
         print(person.get("age"))
         for key, value in person.items():
             print(f"{key}: {value}")
```

```
blue
yellow
['red', 'blue', 'cyan', 'yellow', 'purple']
['cyan', 'yellow', 'purple']
lion
zebra
('tiger', 'elephant', 'giraffe')
Alice
Photography
25
name: Alice
age: 25
city: New York
profession: Engineer
hobby: Photography
```

In [ ]: